



**SAMPLE SET OF MODIFIED RUSH HOUR TRAVEL SPEEDS**

GEOGRAPHIC AREA/ROAD SEGMENT	NORMAL TRAVEL SPEED	TRAVEL SPEED DURING TIME WINDOW #1	TRAVEL SPEED DURING TIME WINDOW #2	TRAVEL SPEED DURING TIME WINDOW #3
ROAD 1 IN AREA 1	45 mph	31.5 mph (30% SLOWER)	36 mph (20% SLOWER)	31.5 mph (30% SLOWER)
ROAD 2 IN AREA 1	50 mph	35 mph (30% SLOWER)	40 mph (20% SLOWER)	35 mph (30% SLOWER)
ROAD SEGMENT X	30 mph	20 mph (30% SLOWER)	0 mph (TRAVEL RESTRICTION)	20 mph (30% SLOWER)
ROAD SEGMENT Y	65 mph	45.5 mph (30% SLOWER)	0 mph (TRAVEL RESTRICTION)	45.5 mph (30% SLOWER)
ALL AREAS AND ROADS TO WHICH NO NEW TRAFFIC RULES WERE DEFINED TO APPLY.	NORMAL SPEED	NORMAL SPEED	NORMAL SPEED	NORMAL SPEED

**FIG. 1**

TRAVEL MATRIX FOR "NORMAL" TRAFFIC CONDITIONS

	LOCATION 1	LOCATION 2	LOCATION 3	LOCATION 4
LOCATION 1	----	10 minutes	15 minutes	20 minutes
		2 miles	3 miles	4 miles
LOCATION 2	10 minutes	----	5 minutes	10 minutes
	2 miles		1 mile	2 miles
LOCATION 3	15 minutes	5 minutes	----	5 minutes
	3 miles	1 mile		1 mile
LOCATION 4	20 minutes	10 minutes	5 minutes	----
	4 miles	2 miles	1 mile	

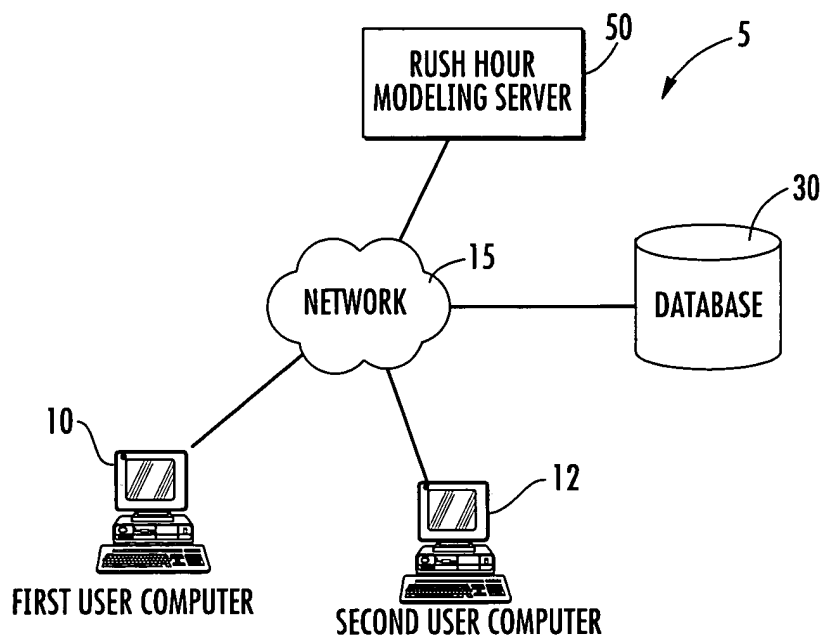
FIG. 2A

TRAVEL MATRIX FOR A PARTICULAR TIME WINDOW  
WITH A 20% SLOWER SPEED VARIATION

	LOCATION 1	LOCATION 2	LOCATION 3	LOCATION 4
LOCATION 1	----	15 minutes	18 minutes	24 minutes
		3 miles	3 miles	4 miles
LOCATION 2	15 minutes	----	6 minutes	15 minutes
	3 miles		1 mile	2 miles
LOCATION 3	18 minutes	6 minutes	----	6 minutes
	3 miles	1 mile		1 mile
LOCATION 4	24 minutes	15 minutes	6 minutes	----
	4 miles	2 miles	1 mile	

FIG. 2B

3/17



**FIG. 3**

4/17

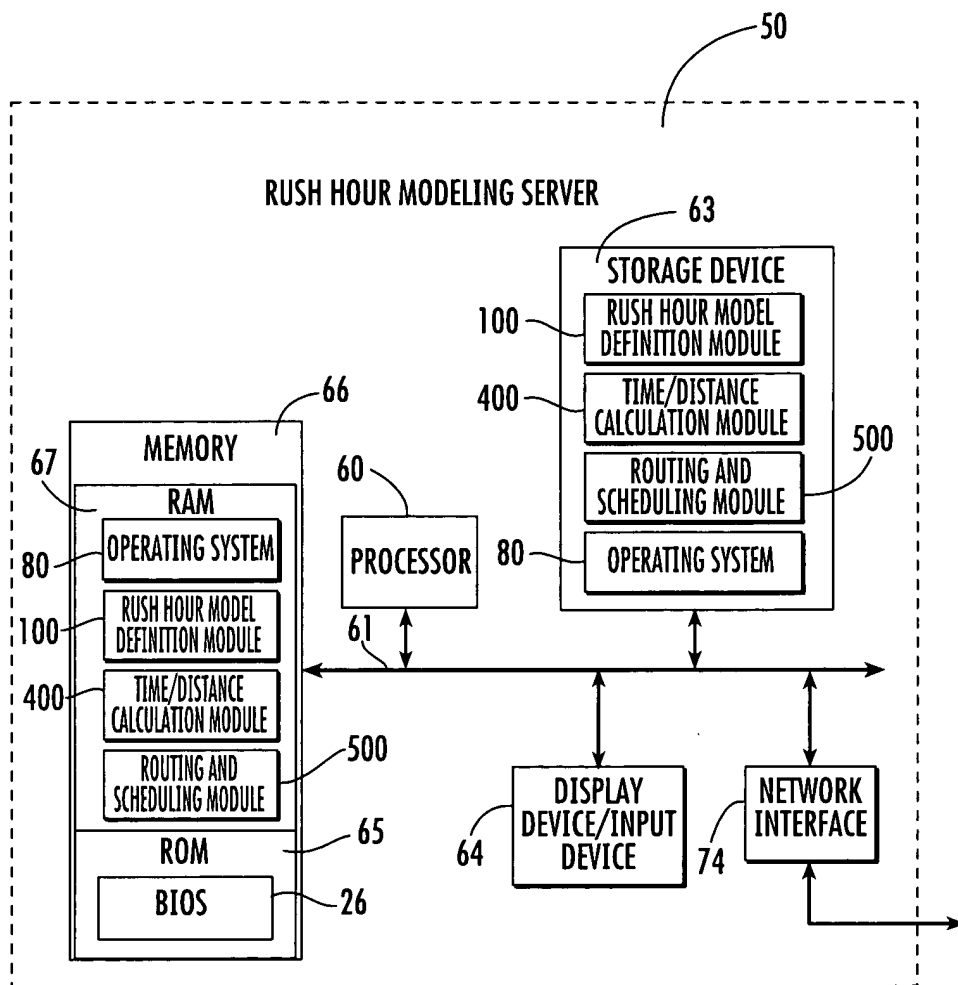
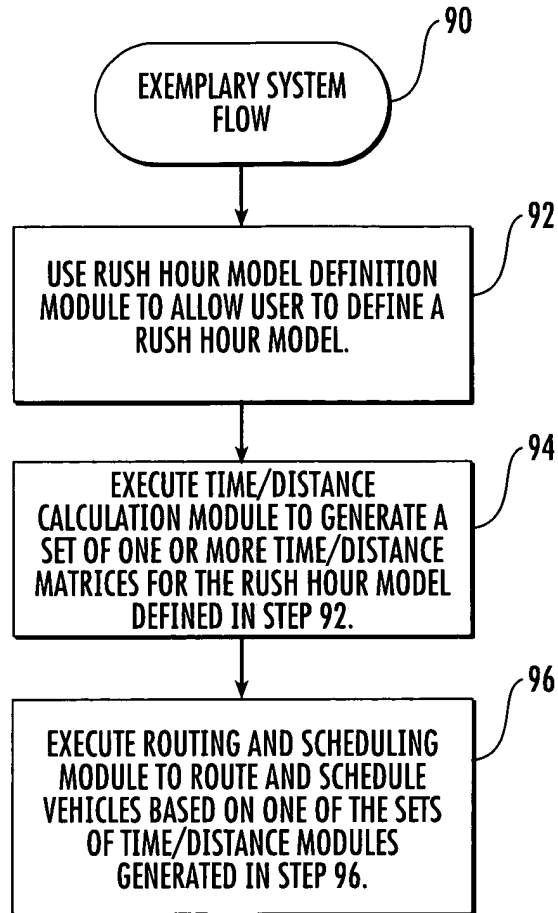


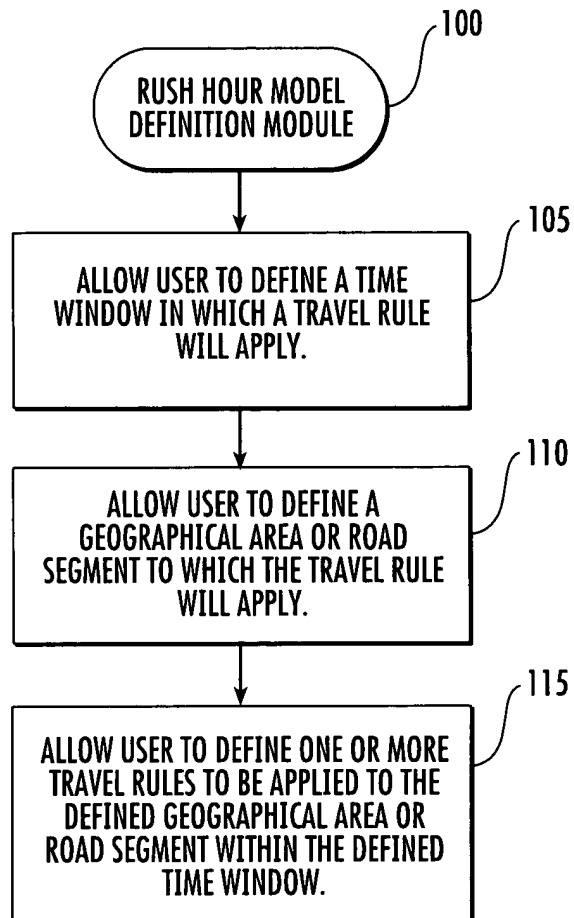
FIG. 4

5/17



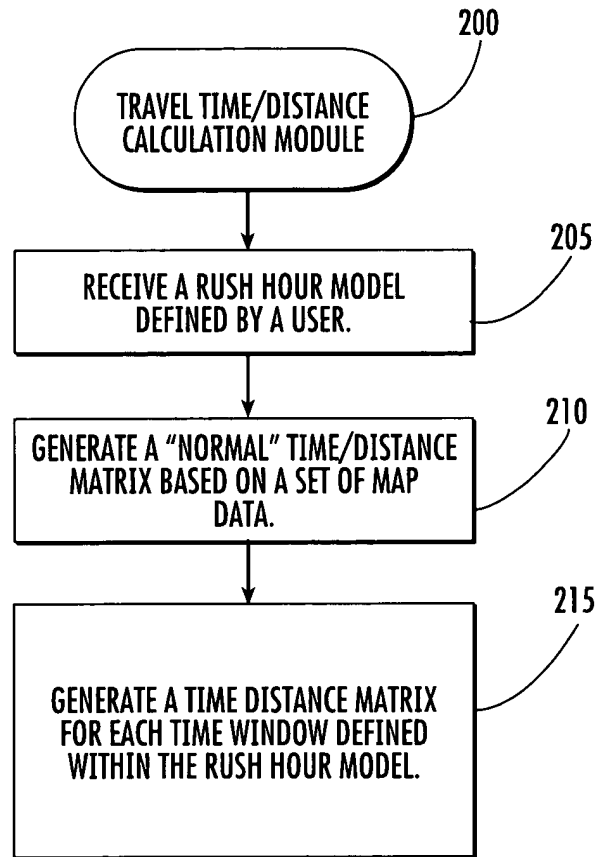
**FIG. 5**

6/17



**FIG. 6**

7/17



**FIG. 7**

8/17

**EDIT RUSH HOUR MODEL/1 OF 1 RECORD(S)** [?] [X]

Name **602** Description **604**

Summer Summer rush hour in central MD

**606** Time Period 1

☒ Enable

Name **608** Start **610** End **612** Global Speed Variation **618**

Morning 6:00 9:00 ☒ 15 % ☐ Faster ☒ Slower

614 616

Time Period 2

☐ Enable

Name Start End Global Speed Variation

Midday 11:00 13:00 ☒ 0 % ☐ Faster ☒ Slower

Time Period 3

☒ Enable

Name Start End Global Speed Variation

Afternoon 16:00 19:00 ☒ 25 % ☐ Faster ☒ Slower

Ready Modified by ADMIN on 2/9/2003 19:45

FIG. 8



9/17

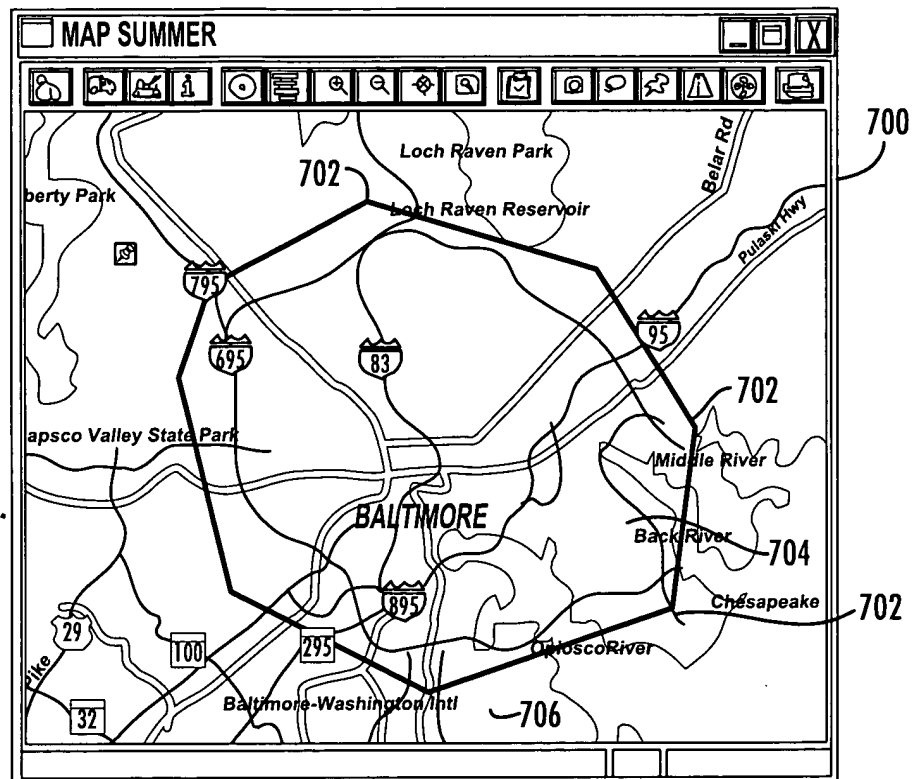


FIG. 9

10/17

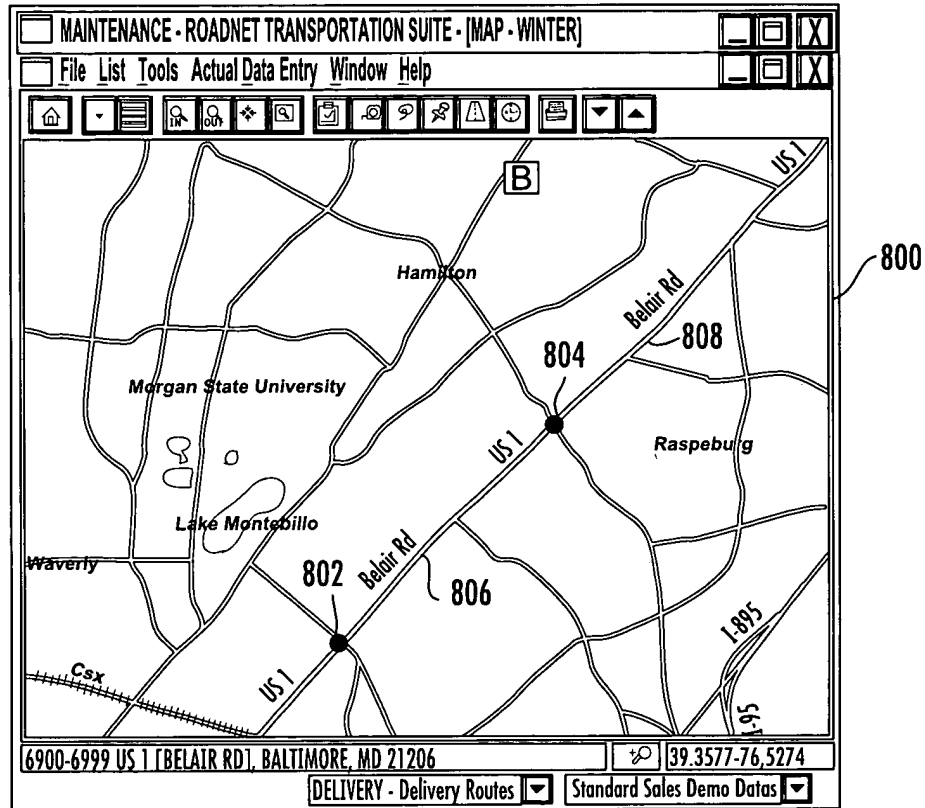


FIG. 10

11/17

**RUSH HOUR AREA ATTRIBUTES-WINTER**

Name **902** Description **916** Priority **900**

Baltimore Metro Baltimore 1

☒ Simple **905** ☐ Advanced **914**

**904** SPEED VARIATION ADVANCED SPEED VARIATION TRAVEL RESTRICTION

Time Period 1	Time Period 2	Time Period 3
06:00 - 09:00	16:00 - 19:00	Not Enabled

**906**

SPEED VARIATION									
<input checked="" type="checkbox"/>	40	%	<input type="radio"/> Faster	<input checked="" type="checkbox"/>	35	%	<input type="radio"/> Faster	<input type="checkbox"/>	0
			<input checked="" type="radio"/> Slower				<input checked="" type="radio"/> Slower		

**908** **910** **912**

OK CANCEL

FIG. 11

12/17

**RUSH HOUR AREA ATTRIBUTES-WINTER** [?] [X]

Name:  Description:  Priority:

☐ Simple ☒ Advanced

**SPEED VARIATION** **ADVANCED SPEED VARIATION** **TRAVEL RESTRICTION**

	Time Period 1 06:00 - 09:00	Time Period 2 16:00 - 19:00	Time Period 3 Not Enabled
Interstate	<input checked="" type="checkbox"/> 45 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower	<input checked="" type="checkbox"/> 40 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower	<input type="checkbox"/> 10 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower
Primary	<input checked="" type="checkbox"/> 30 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower	<input checked="" type="checkbox"/> 30 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower	<input type="checkbox"/> 10 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower
Secondary	<input checked="" type="checkbox"/> 20 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower	<input checked="" type="checkbox"/> 20 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower	<input type="checkbox"/> 10 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower
Local	<input type="checkbox"/> 10 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower	<input type="checkbox"/> 10 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower	<input type="checkbox"/> 10 % <input type="radio"/> Faster <input checked="" type="radio"/> Slower

OK CANCEL

FIG. 12

13/17

**RUSH HOUR PATH ATTRIBUTES-WINTER**

Name: **I-795** Description: **I-795 WEST**

Morning 06:00 - 09:00 **1104** Midday Not Enabled Afternoon 16:00 - 19:00

**SPEED VARIATION**

☐ 10% ☐ Faster ☐ Slower ☐ 10% ☐ Faster ☐ Slower ☒ 30% ☐ Faster ☐ Slower

**TRAVEL RESTRICTION**

☐ Restricted ☒ Restricted **1106** ☐ Restricted **1108**

**TRAVEL DIRECTION**

☒ No Change ☐ Both Ways ☐ One Way: A to B ☐ One Way: B to A ☒ No Change ☐ Both Ways ☐ One Way: A to B ☐ One Way: B to A ☒ No Change ☐ Both Ways ☐ One Way: A to B ☐ One Way: B to A

**OK** **CANCEL**

1100 1112 1110 1114

FIG. 13

14/17

1200

EDIT EQUIPMENT TYPE / 1 OF 1 RECORD(S) [?] [X]

1201

General Fleetloader

Type ID 1

Description 1204 24 FT ST

1206

General Info

Weight	Height
0.0000	9,999.9999

Cost Info

Fixed	Variable
0.0010	1.0000

1212

	Frozen	Dry	Refrig
Sizes			
Cases	500	1	0
Weight	550	2	0
Cube	12,500	3	0

☒ Prohibited from Restricted Rush Hour Areas and Paths

1210 Ready Modified by TFM on 4/25/2000 23:24

FIG. 14

15/17

**RUSH HOUR AREA ATTRIBUTES-WINTER** [?] [X]

Name:  Description:  Priority:  1300

☐ Simple ☒ Advanced

	SPEED VARIATION	ADVANCED SPEED VARIATION	TRAVEL RESTRICTION
		Morning 06:00 - 09:00 1308	Midday Not Enabled
			Afternoon 16:00 - 19:00
Road Class			
Interstate	<input type="checkbox"/> Restricted	<input checked="" type="checkbox"/> Restricted 1310	<input type="checkbox"/> Restricted
Primary	<input checked="" type="checkbox"/> Restricted	<input type="checkbox"/> Restricted	<input checked="" type="checkbox"/> Restricted
Secondary	<input checked="" type="checkbox"/> Restricted	<input type="checkbox"/> Restricted	<input checked="" type="checkbox"/> Restricted
Local and Ramps	<input checked="" type="checkbox"/> Restricted	<input type="checkbox"/> Restricted	<input checked="" type="checkbox"/> Restricted
	<input type="text" value="All"/> 1312	<input type="text" value="All"/>	<input type="text" value="All"/>

A check on this page means restricted equipment types cannot use roads of that class during that time period.

FIG. 15

16/17

1400

EDIT ROUTING SESSION / 1 OF 1 RECORD(S)

Planned Delivery Date: 2/7/2003

Scenario: DELIVERY

Description: Delivery

Time/Distance Calculation:

- ☐ XY
- ☐ Use Barrels
- ☒ RouteNet
- ☒ Advanced Rush Hour (consider alternative streets)

Rush Hour Model: Winter

☒ Combine Orders

☐ DOT Tracking

Valid Delivery Days:

M	T	W	R	F	S	U
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Ready Modified by ADMIN on 2/8/2003 10:11

1402

1404

1406

1408

1410

1412

1414

FIG. 16



17/17

1500

Name	Description	Advanced	User Modified	Date Modified
Holiday	Rush hour for holidays	<input type="checkbox"/>	ADMIN	2/9/2003 19:46
Summer	Summer rush hour in central MD	<input type="checkbox"/>	ADMIN	2/9/2003 19:45
Winter	Winter rush hour in central MD	<input checked="" type="checkbox"/>	ADMIN	2/9/2003 19:54

3

FIG. 17